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INTERNATIONAL SEARCH REPORT

Internatl Application No

PCT/IB 03/02334

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B27/19

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 275 466 B1 (KATAYAMA TSUYOSHI ET AL) 14 August 2001 (2001-08-14)	11
A	column 20, line 65 -column 22, line 12; figure 20	1,5-9
A	--- VLERKEN VAN J J L M ET AL: "Format detection for DVD+ReWritable 4.7 GB" INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS. 2000 DIGEST OF TECHNICAL PAPERS. ICCE. JUNE 13-15, 2000, NEW YORK, NY: IEEE, US, 13 June 2000 (2000-06-13), pages 162-163, XP002197293 ISBN: 0-7803-6302-7 the whole document --- -/-	1,2,5-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the international search

19 December 2003

Date of mailing of the international search report

30/12/2003

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PCT/IB 03/02334

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 345 018 B1 (SHIGEMORI TOSHIHIRO ET AL) 5 February 2002 (2002-02-05) column 15, line 41 -column 16, line 21; figures 16-19 ----	1,5-9
A	WO 00 43996 A (KONINKL PHILIPS ELECTRONICS NV) 27 July 2000 (2000-07-27) page 4, line 8 -page 6, line 29; figures 2,4 ----	1,2,5-9
A	US 4 901 300 A (HOEVEN PETRUS C J ET AL) 13 February 1990 (1990-02-13) cited in the application column 12, line 37 -column 13, line 27; figure 6 ----	1,5-9
A	US 5 187 699 A (ROTH RUDOLF ET AL) 16 February 1993 (1993-02-16) cited in the application ----	
P,A	EP 1 271 489 A (MATSUSHITA ELECTRIC IND CO LTD) 2 January 2003 (2003-01-02) paragraph '0193! - paragraph '0195!; figure 23 ----	1,5-9
P,A	US 2003/012123 A1 (KUROKAWA TAKAHIRO ET AL) 16 January 2003 (2003-01-16) paragraph '0072! - paragraph '0080!; figures 12A,12B -----	1,5-9,11

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internat

lication No

PCT/IB 03/02334

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6275466	B1	14-08-2001	JP 3063598 B2	12-07-2000
			JP 9161274 A	20-06-1997
			US 6069869 A	30-05-2000
			DE 19649970 A1	05-06-1997
			DE 19655193 C2	31-10-2001
			DE 19655194 C2	20-12-2001
			GB 2307770 A ,B	04-06-1997
			HK 1009354 A1	28-05-1999
			US 6147961 A	14-11-2000
			US 6236637 B1	22-05-2001
			US 6396799 B1	28-05-2002
			US 5867474 A	02-02-1999
US 6345018	B1	05-02-2002	JP 2001052446 A	23-02-2001
			JP 2001126413 A	11-05-2001
WO 0043996	A	27-07-2000	AT 254329 T	15-11-2003
			AU 766051 B2	09-10-2003
			AU 2796600 A	07-08-2000
			BR 0004371 A	19-12-2000
			CA 2325450 A1	27-07-2000
			CN 1293810 T	02-05-2001
			DE 60006454 D1	18-12-2003
			EA 2489 B1	27-06-2002
			EE 200000558 A	15-04-2002
			WO 0043996 A1	27-07-2000
			EP 1066628 A1	10-01-2001
			HU 0101610 A2	28-09-2001
			JP 2002535801 T	22-10-2002
			NO 20004762 A	27-10-2000
			PL 343130 A1	30-07-2001
			TR 200002734 T1	22-01-2001
			TW 512324 B	01-12-2002
			US 2003133400 A1	17-07-2003
			US 6538982 B1	25-03-2003
			ZA 200005068 A	23-10-2001
US 4901300	A	13-02-1990	NL 8800151 A	16-08-1989
			AT 98041 T	15-12-1993
			AU 2855889 A	27-07-1989
			BR 8900230 A	12-09-1989
			CA 1319985 C	06-07-1993
			CN 1035575 A ,B	13-09-1989
			CZ 8900377 A3	18-01-1995
			CZ 9002136 A3	15-03-1995
			DD 278890 A5	16-05-1990
			DE 68910993 D1	13-01-1994
			DE 68910993 T2	26-05-1994
			EP 0326206 A1	02-08-1989
			ES 2048818 T3	01-04-1994
			HK 163295 A	27-10-1995
			JP 1220126 A	01-09-1989
			JP 2652443 B2	10-09-1997
			KR 152430 B1	15-10-1998
			SK 37789 A3	04-06-1997
			SK 213690 A3	12-06-2000
			RU 2087950 C1	20-08-1997
			US 5418764 A	23-05-1995

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/02334

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4901300	A	US 5654947 A	05-08-1997
US 5187699	A	16-02-1993	AT 98040 T 15-12-1993
			AU 639663 B2 05-08-1993
			AU 2855989 A 27-07-1989
			BR 8900232 A 12-09-1989
			CA 1319983 C 06-07-1993
			CN 1034445 A ,B 02-08-1989
			DE 68910990 D1 13-01-1994
			DE 68910990 T2 01-06-1994
			EP 0325329 A1 26-07-1989
			ES 2048819 T3 01-04-1994
			HK 163395 A 27-10-1995
			JP 1220183 A 01-09-1989
			JP 2995331 B2 27-12-1999
			JP 3209983 B2 17-09-2001
			JP 2000030378 A 28-01-2000
			KR 136098 B1 15-05-1998
EP 1271489	A	02-01-2003	AU 8256101 A 22-03-2002
			BR 0113613 A 01-07-2003
			CA 2424008 A1 26-02-2003
			CN 1451160 T 22-10-2003
			CN 1392542 A 22-01-2003
			EP 1324320 A1 02-07-2003
			EP 1271489 A2 02-01-2003
			WO 0221518 A1 14-03-2002
			JP 3370319 B1 27-01-2003
			JP 2003099953 A 04-04-2003
			JP 3370320 B1 27-01-2003
			JP 2003099954 A 04-04-2003
			JP 3370321 B1 27-01-2003
			JP 2003099955 A 04-04-2003
			JP 3370322 B1 27-01-2003
			JP 2003099956 A 04-04-2003
			JP 2003217132 A 31-07-2003
			US 2003043718 A1 06-03-2003
			US 2002141317 A1 03-10-2002
			US 2002163866 A1 07-11-2002
			US 2003007432 A1 09-01-2003
			US 2002145947 A1 10-10-2002
			US 2002196723 A1 26-12-2002
			US 2003223347 A1 04-12-2003
US 2003012123	A1	16-01-2003	JP 2003030853 A 31-01-2003